**FIG. 1**

DATA FLOW

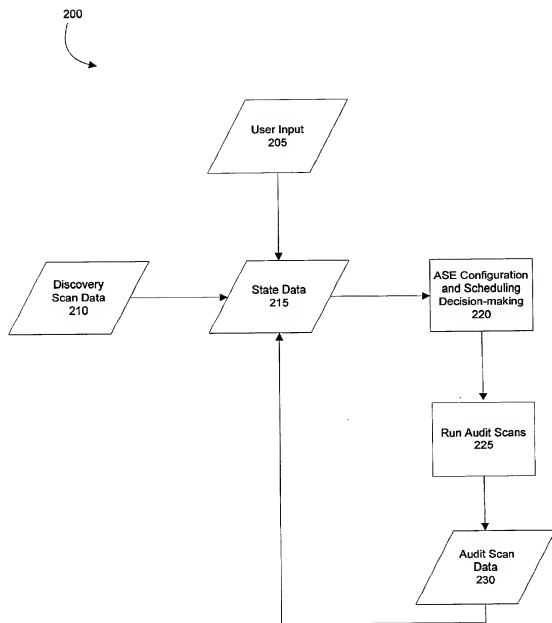


FIG. 2

PROCESS
OVERVIEW

3/22

300

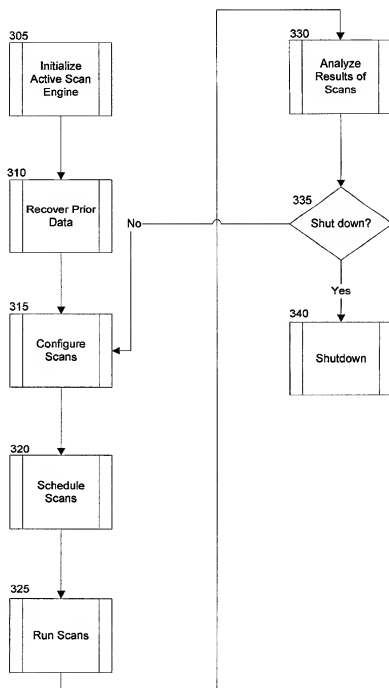


FIG. 3

INITIALIZE ACTIVE SCAN ENGINE

4/22

305

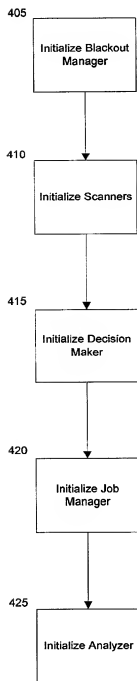


FIG. 4

RECOVER PRIOR DATA

5/22

310

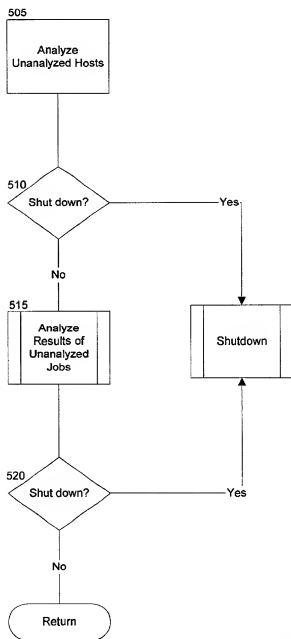


FIG. 5

CONFIGURE SCANS

315

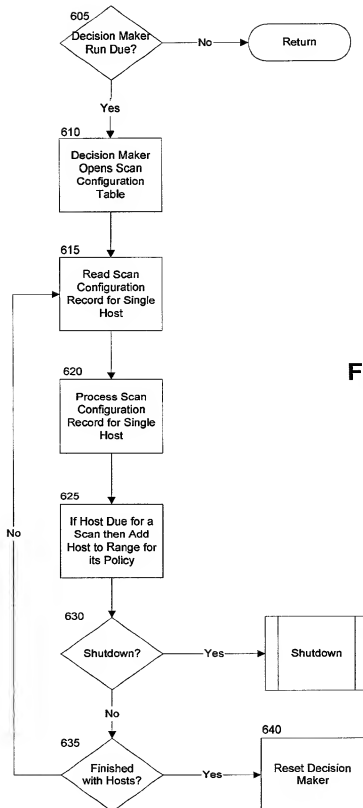


FIG. 6A

Role	Asset Value	Scan Policy
UnixDesktop	3	L3UnixDesktop
UnixServer	4	L4UnixServer
UnixServer	5	L5UnixServer
UnixServer	6	L6UnixServer
NTDesktop	5	L5NTDesktop
NTServer	5	L5NTServer
SQLServer	3	L3SQLServer
SystemScanner	3	L3SystemScanner

Mapping from Host Role + Asset Value to a Scan Policy

FIG. 6B

Asset Value	Frequency
3	every 5 days
4	every 4 days
5	every 3 days
6	every 2 days
7	every day

Mapping from Asset Value to Scan Frequency

FIG. 6C

Entity	Host	Policy	Scan Frequency	First Job ID	Last Job ID
Internet Scanner	127.0.0.1	L3UnixWebServer	Every 5 days	1	3
Internet Scanner	135.1.2.3	L5NTWebServer	Every 2 days	2	3
Database Scanner	135.1.2.3	L3SQLServer	Every 5 days	3	4
System Scanner	127.0.0.1	L3Unix	Every 5 days	3	3

Scan Configuration Table

FIG. 6D

SCHEDULE SCANS

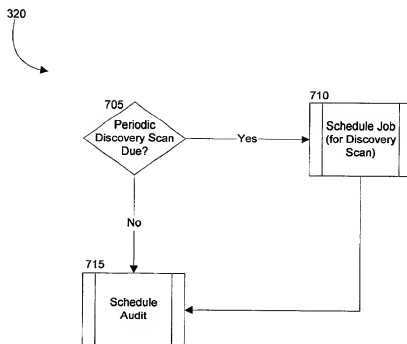


FIG. 7

SCHEDULE JOB

9/22

710, 910

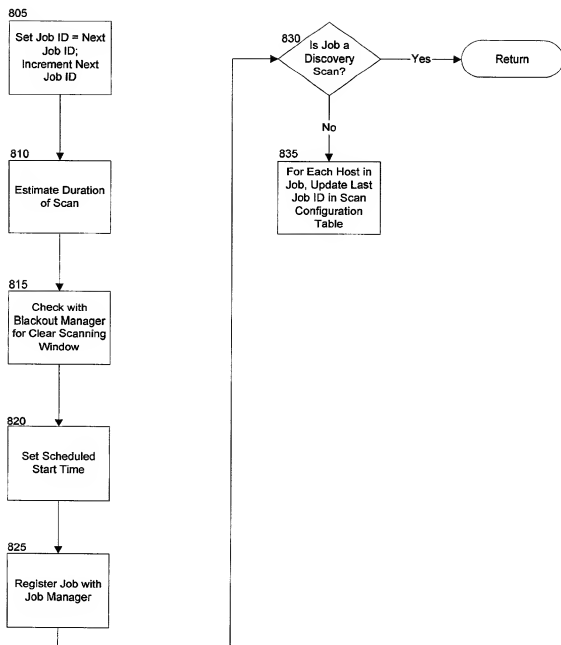


FIG. 8

SCHEDULE AUDIT

10/22

715

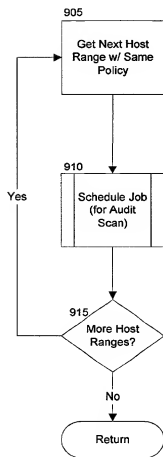


FIG. 9

RUN SCANS

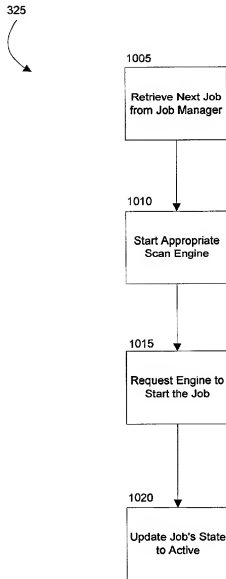
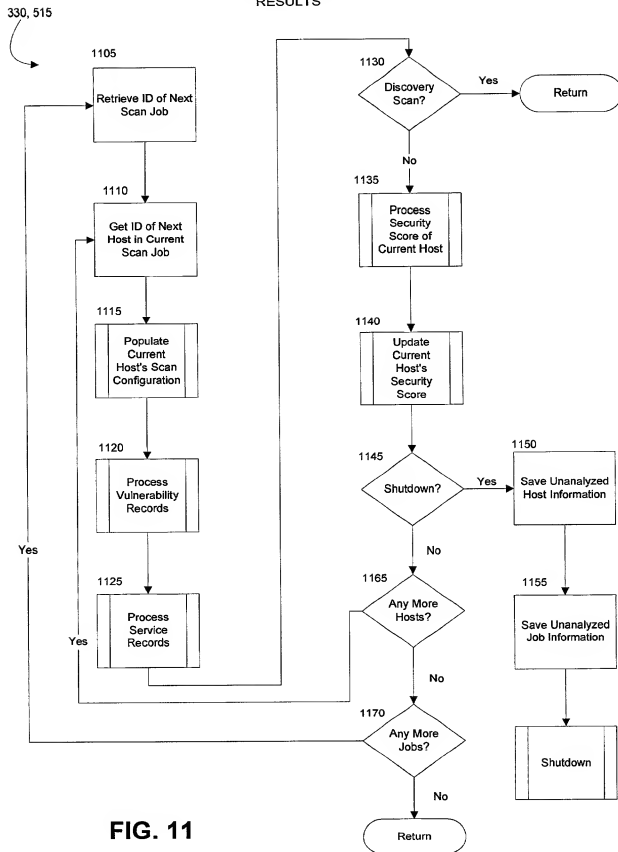


FIG. 10

ANALYZE SCAN
RESULTS

1115

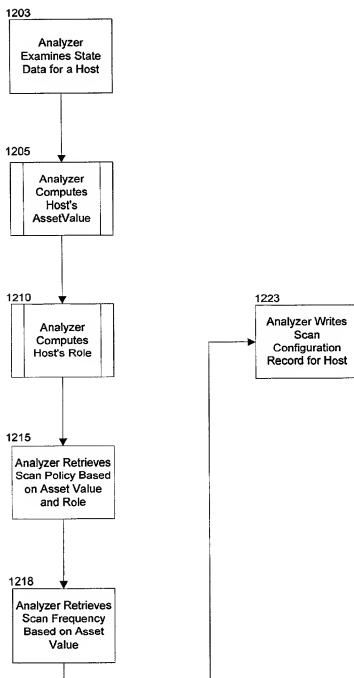
POPULATE A HOST'S
SCAN CONFIGURATION

FIG. 12

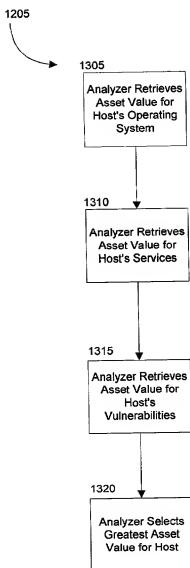
COMPUTE HOST'S
ASSET VALUE

FIG. 13

COMPUTE HOST'S ROLE

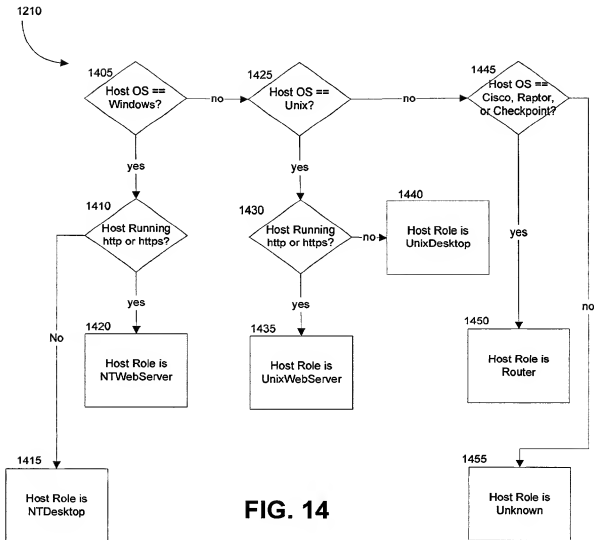


FIG. 14

PROCESS VULNERABILITY RECORDS FOR HOST

16/22

1120

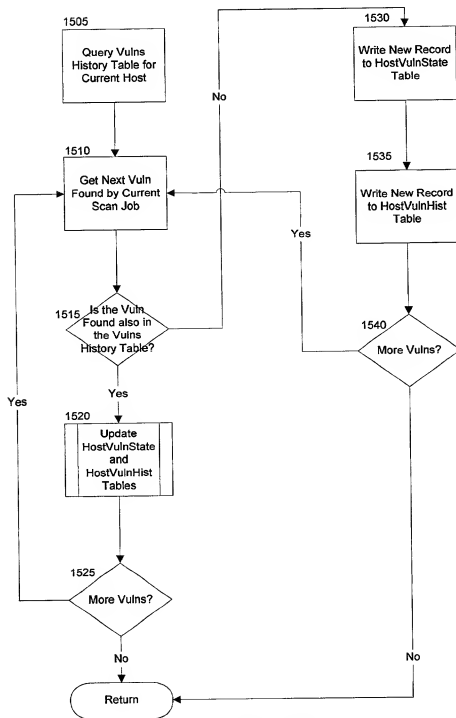


FIG. 15

UPDATE HOSTVULNSTATE
AND HOSTVULNHIST
TABLES

1520

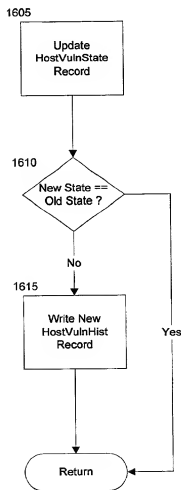


FIG. 16

PROCESS SERVICE RECORDS FOR HOST

18/22

1125

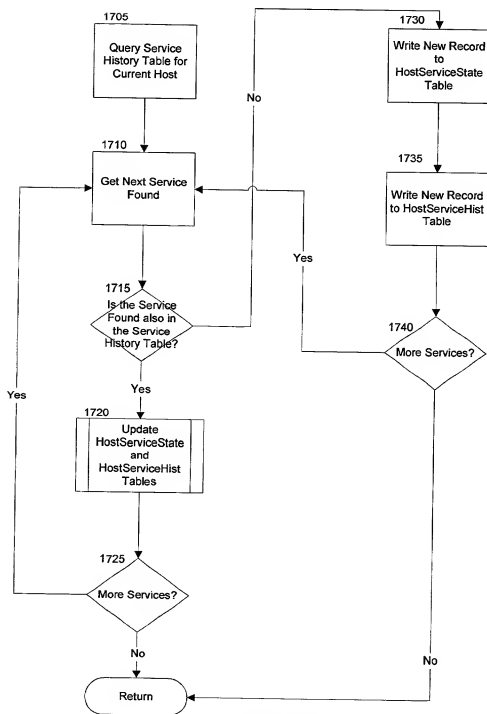


FIG. 17

UPDATE
HOSTSERVICESTATE AND
HOSTSERVICEHIST
TABLES

1720

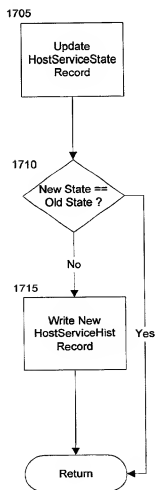


FIG. 18

PROCESS SECURITY SCORE OF A HOST

1135

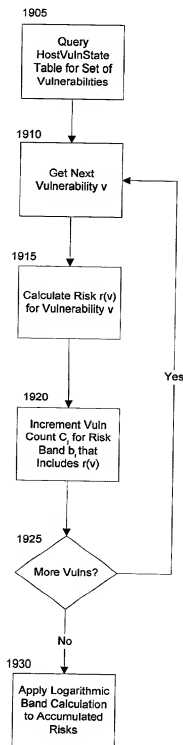


FIG. 19

UPDATE HOST'S SECURITY
SCORE

1140

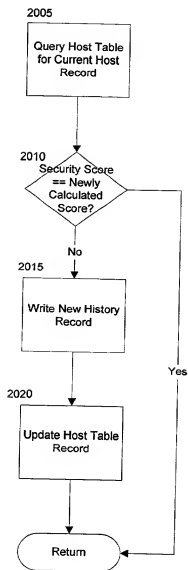


FIG. 20

SHUTDOWN

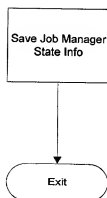


FIG. 21